



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
-----------------	-------------	----------------------	---------------------

08/942,402 10/01/97 JOHNSON

K MNFRAME.005A

LM21/0402

KNOBBE MARTENS OLSON & BEAR  
620 NEWPORT CENTER DRIVE  
16TH FLOOR  
NEWPORT BEACH CA 92660

EXAMINER

WRIGHT, N

ART UNIT

PAPER NUMBER

2785

8

DATE MAILED:

04/02/99

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

*Please see attached.*

- 1) PTO-324
- 2) PTO-892
- 3) PTO-948
- 4) PTO-1449

*D. L. [Signature]* 3/25/98  
Patent Examiner  
At 2785.

# Office Action Summary

Application No.

81942,402

Applicant(s)

Johnson &amp; J.

Examiner

N. Wright

Group Art Unit

2785

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

## Status

- ☒ Responsive to communication(s) filed on 3/5/98
- ☐ This action is **FINAL**.
- ☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

## Disposition of Claims

- ☒ Claim(s) 1-10 is/are pending in the application.
- Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- ☒ Claim(s) 1-10 is/are rejected.
- ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- ☐ Claim(s) \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

- ☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.
- ☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119 (a)-(d)

- ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
  - ☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been received.
  - ☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_
  - ☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

## Attachment(s)

- ☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 647
- ☐ Interview Summary, PTO-413
- ☒ Notice of Reference(s) Cited, PTO-892
- ☐ Notice of Informal Patent Application, PTO-152
- ☒ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☒ Other Office Action

Office Action Summary

Art Unit: 2785

## DETAILED ACTION

### *Drawings*

1. This application has been filed with informal drawings which are acceptable for examination purposes only. Formal drawings will be required when the application is allowed.

### *Claim Rejections - 35 USC § 103*

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-10, are rejected under 35 U.S.C. 103(a) as being unpatentable over Travallaei et al, U.S. Pat. No. 5,864,653, hereinafter '653, in view of Lakin, U.S. Pat., No. 5,803,357, hereinafter '357.

As to claim 1, '653 teaches a PCI hot capability for failed components comprising: a computer, a micro controller network, a plurality of interconnected micro controllers, operative in response to sensed conditions ( abs., figs. 2-4, and col. 1-5 et seq.). Not explicitly taught is the use of a plurality of sensors.

Lakin '357 teaches the use of sensor to monitor environmental conditions (abs. and fig. 5). It would have been obvious to one of ordinary skill in the art at the time of the invention, to

Art Unit: 2785

augment '653 with the use sensor to monitor the ambient condition of a system. Because '653 recites that it may be used to monitor the various computer systems and their environment (col. 7, lines 45 et seq.). One of ordinary skill in the art would have been motivated to utilize sensors as a means of detecting changes of an environment, because, sensors provide a rapid means of determining changes in the environment. One of ordinary skill would have been readily realized that changing environmental conditions may have a detrimental effects upon a computer system. Thus, he would have had a desire to utilize sensors, as the conventional means by which one detects changing environmental conditions of a system, thereby eliminating the possible threat to the system.

As to claims 2-7 and 9-10, the use of a micro controller to submit conditions, power up canisters provided in a slot, logging a record in a storage are taught by '653 (cols. 2-5), and controlling said system (col. 7 et seq.).

As to claim 8, applicant admitted prior art teaches the use of said I2C bus, as being well known in the art. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the system of '653 to utilize a protocol supporting an I2C bus. One of ordinary skill in the art would have been motivated to perform such a modification because this is one of the standard architectures utilized in today's computer systems; and further because, of the advantages such a architecture.

Art Unit: 2785

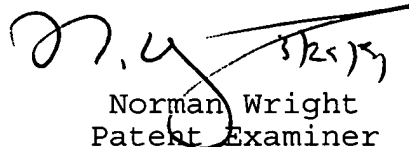
*Conclusion*

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Norman Wright whose telephone number is (703) 305-9586. The examiner can normally be reached on Monday-Friday from 8:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Beausoliel, can be reached at (703) 305-9713. The fax number for this Group is (703) 305-9724.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-9600.

  
Norman Wright  
Patent Examiner  
AU 2785